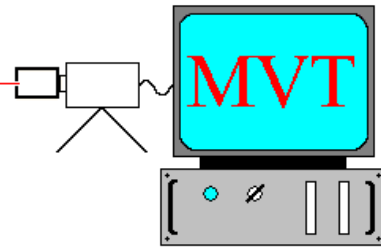
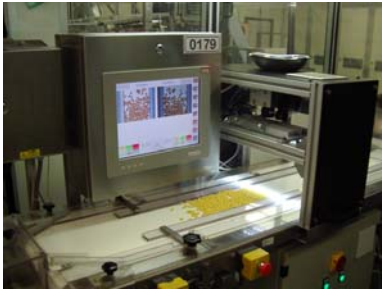


Machine Vision Technology Ltd.

Real Vision for the Real World



Pharmaceutical Product Contamination



- **Manual off line Vision Inspection of Suspect Batches**
- **Tablets and Capsules**
- **Hopper Fed**
- **Manual or Automatic Segregation**



MVT with our pharmaceutical partners Antares where approached by a contract pharmaceutical manufacturing company who had experienced problems with accidental contamination of batches of capsules. This comprised of foreign particles and misshapen product.

The customer was committed to delivering 100% guaranteed contamination free product.

To facilitate this the MVT/Antares pharmaceutical Vision Inspection system was utilised. This provides all the benefits that the use of automatic vision inspection systems comes with, without having to rely on "human interpretation".

The customer's requirement was to inspect for-

- Foreign bodies of 5 mm in size
- Misshapen product

In operation the product is manually loaded into a hopper which floods the product onto a 150 mm wide conveyor. This then moves the product beneath a high resolution Line Scan camera and lighting at a speed of 10 meters per minute.

If a fault is detected the conveyor is stopped and the fault is displayed on the integral screen display. Product and fault /reject count is also displayed and stored.

All unacceptable product and foreign bodies are then removed, and the system restarted. All acceptable products are collected in a container at the end of the conveyor.

The option of automatically sweeping the faulty product into a separate container can be incorporated which can then be manually sorted.

The complete system is manufactured to pharmaceutical standards in S.S. with all product contactable material in FDA approved material.

Continued-



*If you would like further details or you
have any questions then please call –*
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